HYPERNUMBERS AND OTHER EXOTIC STUFF

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(14) SOFTWARE ZONE

DATA STRUCTURES*
Treesheet (tree-like spreadsheet) - http://strlen.com/treesheets/
Blockchain (demo) - https://andersbrownworth.com/blockchain/
Heimer (mind map) - https://github.com/juzzlin/Heimer
DAS-UI https://das-ui.firebaseapp.com/ && https://szymonkaliski.com/writing/2017-09-08-building-das-ui/
Orca (procedural sequencers) - https://github.com/Hundredrabbits/Orca
Taichi (spatially sparse multi-level data structures) - https://github.com/taichi-dev/taichi
Rasdaman (datacube and arrays) - http://www.rasdaman.org/wiki

Categorical Data (data-related tasks using category theory) - https://www.categoricaldata.net/
https://pbs.twimg.com/media/E2UpeLGXsAUnrmT.jpg
Ctrl+Shift+Enter: Mastering Excel Array Formulas - Mike 'Excel-is-fun' Girvin
https://www.amazon.com/Ctrl-Shift-Enter-Calculating-Excelisfun/dp/B011YT9AMO
Enso (diagrammatic coding) - https://enso.org/language
Egison (efficient non-linear pattern matching with backtracking for non-free data type) - https://www.egison.org/
Eve (uniform data-processing) - http://witheve.com/
Habit (type-level programming) - https://www.habit-lang.org/
Fluidinfo (columnar shareable data) - https://github.com/fluidinfo && https://en.wikipedia.org/wiki/Fluidinfo
MentDB (world wide Data) - https://www.mentdb.org/mentdb_weak.html
Obsidian (knowledge base on top of your local folder of plain text files) - https://obsidian.md/
LMQL (query language for large language models) - https://github.com/eth-sri/lmql
Koka (effect typing, effect handlers, Perceus memory management) - https://koka-lang.github.io/koka/doc/book.html#why
NewLang (computing tensors and rational numbers) - https://github.com/rsashka/newlang
Self - https://selflanguage.org/
Odin (data-oriented programming)- https://odin-lang.org/
Cairo (provable programs and nondeterministic jumps)
https://web.archive.org/web/20230207061031/https://www.cairo-lang.org/docs/how_cairo_works/cairo_intro.html
Exo (exocompilation) - https://exo-lang.dev/
Marianne Bellotti - https://fault.tech/ && https://github.com/Fault-lang/Fault
Primecoin - https://en.wikipedia.org/wiki/Primecoin && https://primecoin.io/
Bitcoin Knots - https://en.bitcoin.it/wiki/Bitcoin_Knots
Bitcoin Core - https://en.bitcoin.it/wiki/Bitcoin_Core
Work with pipe query syntax - https://cloud.google.com/bigquery/docs/pipe-syntax-guide
Pipe query syntax - https://cloud.google.com/bigquery/docs/reference/standard-sql/pipe-syntax
Protecting Privacy through Homomorphic Encryption - Kristin Lauter, Wei Dai and Kim Laine (editors)
https://www.amazon.com/Protecting-Privacy-through-Homomorphic-Encryption/dp/3030772861
Nillion (Blind Computation, decentralizes trust for high-value, sensitive, and private data) - https://docs.nillion.com/what-is-nillion

STRUCTS* WITH META
Bedrock (meta-distro) https://bedrocklinux.org/
Funtoo (meta-distro) - https://www.funtoo.org/Welcome
T2 System Development Environment (meta-distro) - https://t2sde.org/index.cgi/
DL Linux (meta-meta-distro) - https://web.archive.org/web/20181221164035/https://www.sudosatirical.com/articles/dl-linux-0-0-1-released/
Black (reflective) - http://pllab.is.ocha.ac.jp/~asai/Black/
Terra (meta-programming) - http://terralang.org/
MetaL (meta-language) - https://www.meta-language.net/faq.html#what
Rinci (metadata specifications) - https://metacpan.org/pod/Rinci#ABSTRACT
Circle (meta-programming) - https://www.circle-lang.org/
Hackett (meta-programming) - https://lexi-lambda.github.io/hackett/
Elena (polymorphic code) - https://github.com/ELENA-LANG/elena-lang/wiki/ELENA-Programming-Manual#overview
Beluga (mechanizing meta-theory) - https://www.cs.mcgill.ca/~complogic/beluga/index.html
Hazel (incomplete programs) - https://hazel.org/
Autohotkey (gui and scripting automation for windows) - https://www.autohotkey.com/
Rosie Pattern (beyond regex) - https://rosie-lang.org/about/
Antipurity (self-aware interpreter) - https://github.com/Antipurity/conceptual
Multicompiler (defensive compiler) - https://immunant.com/blog/2018/09/multicompiler/
Avail (articulate programming) - https://www.availlang.org/about-avail/introduction/index.html
Push (evolutionary computing) - https://faculty.hampshire.edu/lspector/push.html
Wyvern (built-in skill for large-scale design) - https://wyvernlang.github.io/
Gen (probabilistic) - https://probcomp.github.io/Gen/
Pyro (probabilistic) - https://pyro.ai/
Rascal (meta-programming) - https://www.rascal-mpl.org/
Pharo (software as objects, inmersive) - https://pharo.org/features
DarklangGPT (Deployless cloud backends with AI-generated code) - https://darklang.com/
LangChain (simplify APP construction with LLMs) - https://langchain.com/
Scallop (neurosymbolic programming) - https://scallop-lang.github.io/
Mojo (AI oriented) - https://docs.modular.com/mojo/why-mojo.html
Mirror (An LLM-powered programming-by-example programming language)
https://github.com/AZHenley/Mirror && https://austinhenley.com/blog/mirrorlang.html
AlphaEvolve: A Gemini-powered coding agent for designing advanced algorithms
https://deepmind.google/discover/blog/alphaevolve-a-gemini-powered-coding-agent-for-designing-advanced-algorithms/
expMath: Exponentiating Mathematics - DarpaTV - https://www.youtube.com/watch?v=pbf4cZk4e2w
V-JEPA: Video Joint Embedding Predictive Architecture - https://github.com/facebookresearch/jepa
Strandbeest - https://de.wikipedia.org/wiki/Strandbeest

SOUND*
Gwion - https://gwion.github.io/Gwion/
Kronos vesaronilo - http://kronos.vesanorilo.com/
Supercollider - https://supercollider.github.io/
Faust - https://faust.grame.fr/
Chuck - http://chuck.cs.princeton.edu/

NETWORKING*
Live Raizo (network simulation) - https://sourceforge.net/projects/live-raizo/
P4 (implement specific network behaviours) - https://p4.org/
Helena (browsing automation) - https://helena-lang.org/
Volunia (rpg-like browser) http://www.volunia.com/
Gather (rpg-like meetings) - https://www.gather.town/
Lynx (textual browser) - https://en.wikipedia.org/wiki/Lynx_(web_browser)
Beaker Browser (peer-to-peer Web browser) - https://beakerbrowser.com/
Nyxt browser (keyboard-driven browser) - https://github.com/atlas-engineer/next
Jolie (microservices) - https://www.jolie-lang.org/
Daphile (headless music server) - https://www.daphile.com/
Skywave linux (software defined radio servers) - https://skywavelinux.com/
Gotenna (off-grid mobile mesh) - https://gotenna.com/
Manyverse (off-grid social networking) - https://www.manyver.se/faq/what-is-manyverse
p2p networking - https://www.gnunet.org/en/ https://zeronet.io/ https://freenetproject.org/
Eternal-september private news server (usenet) - http://eternal-september.org/
Aioe.org public news server (usenet) - https://news.aioe.org/
What is the Usenet improvement Project? - http://twovoyagers.com/improve-usenet.org/
Nemoweb - https://www.nemoweb.net/
HackRF One - https://greatscottgadgets.com/hackrf/one/ (Software Defined Radio peripheral)
Fediverse (federated servers for web-publishing) - https://en.wikipedia.org/wiki/Fediverse
Assemblyscript (a TypeScript-like language for WebAssembly) - https://www.assemblyscript.org/
Buzz (swarms robotics) - https://github.com/buzz-lang/Buzz && https://the.swarming.buzz/wiki/doku.php
Dark World A Book on the Deep Dark Web - Atif Ali and Muhammad Qasim
https://www.amazon.com/Dark-World-Atif-Ali/dp/1032518898
Wing (entire cloud as the computer) - https://github.com/winglang/wing
Meshtastic (open source grid) - https://meshtastic.org/

OPERATING SYSTEM*
XOD.IO (microcontrollers) - https://xod.io/
Elemental Processor SIMulator - https://wepsim.github.io/
Mikrocodesimulator MikroSim 2010 (microcode) - http://www.mikrocodesimulator.de/index_eng.php
Katai Struct (binary data structures) - https://kaitai.io/
Snowdrop OS (16-Bit Operating System) - http://sebastianmihai.com/snowdrop/
Turbo Rascal (design of 8-bit/16-bit games)- https://lemonspawn.com/turbo-rascal-syntax-error-expected-but-begin/
NESFab (creating NES games) - https://pubby.games/nesfab.html
Tunguska (a ternary computer emulator) - Viktor Lofgren - http://tunguska.sourceforge.net/
The Trillium Architecture - Douglas W. Jones - http://homepage.divms.uiowa.edu/~jones/ternary/trillium.shtml
Red (full-stack) - https://www.red-lang.org/p/about.html
Racket - https://racket-lang.org/ && Neverlang - https://cazzola.di.unimi.it/neverlang2.html (language creation)
Storm (is a programming language platform (framework for creating languages) - https://storm-lang.org/
An Elementary Introduction to the Wolfram Language - Stephen Wolfram
https://www.amazon.com/Elementary-Introduction-Wolfram-Language-ebook/dp/B0BWNF2Y4P
Rescatux - https://www.supergrubdisk.org/rescatux/ && Parted Magic - https://partedmagic.com/ (OSes for rescue and recovery)
Minix - https://www.minix3.org/ && 'An Open Letter to Intel' - https://www.cs.vu.nl/~ast/intel/
Los Procesadores Intel tienen un Secreto Misterio - https://www.youtube.com/watch?v=CaLb7waR6eo
U-root: A Go-based, firmware embeddable root file system with on-demand compilation - Ronald G. Minnich and Andrey Mirtchovski
https://www.researchgate.net/publication/280132636_U-root_A_Go-based_firmware_embeddable_root_file_system_with_on-demand_compilation
U-root - https://github.com/u-root/u-root
Exception Handling Fundamentals and Programming - Pedro Mejia Alvarez, Raul E. Gonzalez Torres and Susana Ortega Cisneros
https://www.amazon.com/Exception-Handling-Fundamentals-Programming-SpringerBriefs/dp/3031506804
Gren (error messages) - https://gren-lang.org/
Debian-hurd (debian over Hurd) - https://www.debian.org/ports/hurd/ https://en.wikipedia.org/wiki/GNU_Hurd
Trisquel (ubuntu over Libre-Linux) - https://trisquel.info/
Cursorless (Voice coding) - https://www.cursorless.org/
Ante - https://antelang.org/ && https://github.com/jfecher/ante
Noulith (attempt to give myself a new Pareto-optimal choice for quick-and-dirty scripts) - https://github.com/betaveros/noulith

Ratpoison (Window Manager) - https://www.nongnu.org/ratpoison/
IceWM (Window Manager) - https://ice-wm.org/
RedoxOS - https://doc.redox-os.org/book/ch01-06-how-redox-compares.html
Linux From Scratch! - https://www.linuxfromscratch.org/
42 (a language for paranoid programmers) - https://forty2.is/
https://github.com/ElvisResearchGroup/L42
TempleOS - https://templeos.org/ && https://en.wikipedia.org/wiki/TempleOS
Holy C (also C+) - https://holyc-lang.com/
Terry A Davis McDonalds Interview - Waltzkon - https://www.youtube.com/watch?v=NOM4PND63AM
ZealOS - https://github.com/Zeal-Operating-System/ZealOS
TinkerOS - https://github.com/tinkeros/TinkerOS
Webvm - https://webvm.io/ (virtual Linux environment running in the browser via WebAssembly)
ParticleOS (Fitting Everything Together, pro systemd) - https://github.com/systemd/particleos

LANGUAGE*
Sono (linguistic study) - https://github.com/Nallantli/Sono
Quorum (evidence-oriented) - https://quorumlanguage.com/reference.html
Inform7 (interactive narrative, textual adventures) - http://inform7.com/
Poliqarp (universal concordancer for large corpora) - http://poliqarp.sourceforge.net/about.html
Paper generator - https://en.wikipedia.org/wiki/Paper_generator
Markup Languages list - https://web.mit.edu/mecheng/pml/standards.htm
Hedy (multi-lingual, teaching) - https://hedy.org/

GRAPHICS*
Curv (mathematical methods for art design)- https://github.com/curv3d/curv
GraRLS (static graphic images) - http://www.grarls.org/
KUIML (skin and GUI) - https://www.bluecataudio.com//Vault/Skins/KUIML/
Complexities of Color in Computing - Ellen Wondra - https://www.youtube.com/watch?v=VCvOwoeOgv8
Dr Huang 's Math Handbook Calculator - http://drhuang.com/ && http://drhuang.com/science/mathematics/software/
Draw2D (diagrams) - http://www.draw2d.org/draw2d/examples.html
Threejs (creation of 3D content) - https://threejs.org/manual/#en/fundamentals
Video (video editing) - https://lang.video/
SciLab (numerical computation) - https://www.scilab.org/
The Slang Shading Language and Compiler (Empowering real-time graphics) - https://shader-slang.com/

(15) CYBERNETICS AND SYSTEMIC

The Cybernetic Foundation of Mathematics (Semantic graphs and Labeling rules at pages 118 - 121)
https://pat.keldysh.ru/~roman/doc/Turchin/1983_Turchin__The_Cybernetic_Foundation_of_Mathematics.pdf
Valentin Turchin - https://pat.keldysh.ru/~roman/doc/Turchin/

Diagnosing the System for Organizations - Stafford Beer
https://www.amazon.com/Diagnosing-System-Organizations-Stafford-Beer/dp/0471951366
Beyond Dispute: The Invention of Team Syntegrity
https://www.amazon.com/Beyond-Dispute-Invention-Team-Syntegrity/dp/0471944513
Viable system model - https://en.wikipedia.org/wiki/Viable_system_model
How Many Grapes Went Into the Wine - Stafford Beer (see chapter 'The Irrelevance of Automation')
https://www.amazon.com/Many-Grapes-Went-into-Wine/dp/0471942960

Cybersyn - http://www.cybersyn.cl/ && http://wiki.p2pfoundation.net/Cybersyn
'Chile Secreto Capítulo 3 : Proyecto Cybersyn' - https://www.youtube.com/watch?v=4cK7RRH2dX0

Homeostat - http://pespmc1.vub.ac.be/ASC/HOMEOSTAT.html
Variety - https://en.wikipedia.org/wiki/Variety_(cybernetics)
Good regulator - https://en.wikipedia.org/wiki/Good_regulator
Ethical Regulator Theorem - https://en.wikipedia.org/wiki/Ethical_regulator_theorem

Engineering cybernetics: 60 years in the making - Zhiqiang Gao
https://www.researchgate.net/publication/271917376_Engineering_cybernetics_60_years_in_the_making
Engineering Cybernetics - Hsue-Shen Tsien [Qian Xuesen] - https://babel.hathitrust.org/cgi/pt?id=uc1.b3734950&view=1up&seq=7
Man–Machine–Environment System Engineering Proceedings of the 17th International Conference on MMESE - S. Long and B. Dhillon

The energy evolution - https://www.amazon.com/Energy-Evolution-Schaubergers-Eco-technology-Schauberger/dp/B00IGYQ24U
The Fertile Earth - https://www.amazon.com/Fertile-Earth-Agriculture-Fertilisation-Ecotechnology/dp/B01FGORR8M

A Fuller Explanation The Synergetic Geometry of R. Buckminster Fuller - Amy Edmondson
https://www.amazon.com/Fuller-Explanation-Buckminster-Back-Action-ebook/dp/B002YQ2X5S
https://web.archive.org/web/20210410192247/http://www.rwgrayprojects.com/synergetics/s09/p6300.html

Cypherpunk - https://en.wikipedia.org/wiki/Cypherpunk
Cypherpunk visions and trends 2023-2025 - Juraj Bednár
https://www.amazon.com/Cypherpunk-visions-trends-2023-2025-Bedn%C3%A1r/dp/B0CWT87P4R

Plexil (robotics and systems) - http://plexil.sourceforge.net/wiki/index.php/Overview
Modelica (language for modeling of cyber-physical systems) - https://modelica.org/modelicalanguage.html

Resource Based Economy - https://www.youtube.com/watch?v=_EkMjTnWk14 && https://www.resourcebasedeconomy.org/
Center for Resource Management - https://www.thevenusproject.com/center-for-resource-management/
Self Erecting Structures - https://www.youtube.com/watch?v=CM8bNZTvX3A
Jacque Fresco Foundation - https://www.frescofoundation.org/
RBE TVP research center mix - https://www.youtube.com/watch?v=Jy967Y0OsWY
A World Worth Imagining: Jacque Fresco & The Venus Project Documentary (songs by STM)
https://www.youtube.com/watch?v=Cx28t6_SGic
Tromjaro - https://www.tromjaro.com/ && https://www.tromjaro.com/about/
Peter Joseph ‘s podcast https://www.youtube.com/@RevolutionNowPodcast

Destiny and Control in Human Systems Studies in the Interactive Connectedness of Time - Charles Muses
https://www.amazon.co.uk/Destiny-control-human-systems-chronotopology/dp/157898727X
SUPL (Syntactic Universal Programming Language): a new dimension in software design and artificial intelligence
How to make a stupid machine clever by cybernetically opportunistic programming
Cybernetics today and tomorrow: The place of hypernumbers

Algebraic Methods for Nonlinear Control Systems - Giuseppe Conte, Claude H. Moog and Anna Maria Perdon
https://www.amazon.com/Algebraic-Methods-Nonlinear-Communications-Engineering/dp/1846285941

Hanlon's razor - https://en.wikipedia.org/wiki/Hanlon%27s_razor#Exceptions

Cyber-physical Systems Theory, Methodology, and Applications - Pedro H. J. Nardelli
https://www.amazon.com/Cyber-physical-Systems-Theory-Methodology-Applications-ebook/dp/B09ZNJYJY6

Synergetics An introduction - Hermann Haken - https://www.amazon.com/Synergetics-Introduction-Springer-Hermann-Haken/dp/3540123563

(16) NUMERALS ON CONSCIOUSNESS

Cognitive-Theoretic Model of the Universe (CTMU) - Christopher Langan - http://hology.org/
Chris Langan on IQ, The Singularity, Free Will, Psychedelics, CTMU, and God - https://www.youtube.com/watch?v=N-bRM1kYuNA
CTMU Wiki - https://ctmucommunity.org/wiki/ && CTMU Papers http://hology.org/ctmu-papers/
Chris Langan - The Interview THEY Didn't Want You To See - CTMU - https://www.youtube.com/watch?v=9miVG2xT5jY
Chris Langan Λ Kastrup on Consciousness, Metaphysics, Computation, and God - https://www.youtube.com/watch?v=HsXxgQy4xLQ

La Teoria Sintérgica - Jacobo Grinberg-Zylberbaum
https://www.amazon.com/Teor%C3%ADa-Sintergica-Spanish-Jacobo-Grinberg-Zylberbaum/dp/B08JB1XL3C

Hiroshi Motoyama - Toward a Superconsciousness: Meditational Theory and Practice
https://www.amazon.com/Toward-Superconsciousness-Meditational-Theory-Practice/dp/0895819147

International Journal of Mathematics and Consciousness - http://www.ijmac.com/papers
Consciousness Is All There Is: A Mathematical Approach with Applications - Tony Nader
http://www.ijmac.com/wp-content/uploads/2015/12/all05.pdf

Glasgow Coma_Scale - https://en.wikipedia.org/wiki/Glasgow_Coma_Scale#Scoring
Levels of consciousness - https://en.wikipedia.org/wiki/Altered_level_of_consciousness#Definition
Schmidt sting pain index - https://en.wikipedia.org/wiki/Schmidt_sting_pain_index

Strange loop - https://en.wikipedia.org/wiki/Strange_loop
I Am a Strange Loop - Douglas R. Hofstadter - https://www.amazon.com/Am-Strange-Loop-Douglas-Hofstadter-ebook/dp/B004PYDBS0

Psychedelic Information Theory: Shamanism in the Age of Reason - James L. Kent
https://www.amazon.com/Psychedelic-Information-Theory-Shamanism-Reason/dp/1453760172

Geometry of Trips - https://psychonautwiki.org/wiki/Geometry
Polynomial Root-finding and Polynomiography - Bhaman Kalantari (see section 'Polynomiography based on Voronoi coloring')
https://www.amazon.com/Polynomial-Root-finding-Polynomiography-Bahman-Kalantari/dp/9812700595
Pascalejandro – Alejandro Jodorowsky and Pascal Montandon - http://pascalemontandon.com/albums-work/pascalejandro/
My Dark Explorations Portals Gateways Astral- Michael Martin
https://www.amazon.com/My-Dark-Explorations-Michael-Martin-ebook/dp/B0BY16PP8N
Purposefully Induced Psychosis (PIP): Embracing Hallucination as Imagination in Large Language Models
Kris Pilcher and Esen K. Tütüncü - https://arxiv.org/pdf/2504.12012

Humankind fundamental teachings – Joachim Werdin - https://archive.org/details/humankind-fundamental-teachings

Disturbed Consciousness New Essays on Psychopathology and Theories of Consciousness - Rocco J. Gennaro
https://www.amazon.com/Disturbed-Consciousness-Psychopathology-Theories-Philosophical-ebook/dp/B08BSZRZF7

Solving the Mind-Body Problem by the CODAM Neural Model of Consciousness? - John G. Taylor (see 17.5 Super-Consciousness?)
https://www.amazon.com/Solving-Mind-Body-Consciousness-Springer-Cognitive-ebook/dp/B00H4QT7VQ
Non-physicalist Theories of Consciousness - Hedda Hassel Mørch
https://www.amazon.com/Non-physicalist-Theories-Consciousness-Elements-Philosophy/dp/1009317334

New Horizons in the Neuroscience of Consciousness - Elaine K. Perry, Daniel Collerton, Fiona E.N. LeBeau and Heather Ashton
https://www.amazon.com/Horizons-Neuroscience-Consciousness-Advances-Research/dp/9027252157

Osho Meditations - https://www.sannyas.wiki/index.php?title=Category:Osho%27s_Meditations
The Book of Secrets 112 Meditations to Discover the Mystery Within - Osho
https://www.amazon.com/Book-Secrets-Meditations-Discover-Mystery/dp/0312650604
Krishnamurti Schools - https://www.jkrishnamurti.org/schools
School without Fear - Jiddu Krishnamurti - https://www.amazon.com/SCHOOL-WITHOUT-FEAR-FIRST-2016/dp/8187326948
Sadhguru and machines https://sadhguru-encyclopedia.org/yantra/
Dhyanalinga Yantra - https://ishalife.sadhguru.org/usa/dhyanalinga-yantra
https://isha.sadhguru.org/in/en/wisdom/article/kashi-shiva-tower-of-light-vishwanath-manikarnika-ghat

A Landscape of Consciousness in the Noosphere | Robert Lawrence Kuhn
https://www.youtube.com/watch?v=gbUCDtiEiz8
A landscape of consciousness: Toward a taxonomy of explanations and implications
https://pubmed.ncbi.nlm.nih.gov/38281544/

The Complete Consciousness Iceberg | 2 Hours of Obscure Consciousness Theories Explained - Curt Jaimungal
https://www.youtube.com/watch?v=65yjqIDghEk

Plurality Wiki - https://pluralpedia.org/w/Plurality && https://pluralpedia.org/w/Main_Page

Adyar Library - https://en.wikipedia.org/wiki/Adyar_Library && https://www.ts-adyar.org/adyar-library-and-research-centre

Self-Reference and Self-Awareness - Andrew Brook and Richard C. DeVidi
https://www.amazon.com/Self-Reference-Self-Awareness-Advances-Consciousness-Research/dp/1588110486

The Ten Light Bodies of Consciousness -- Nirvair Singh Khalsa
https://www.amazon.com/Ten-Light-Bodies-Consciousness-Enlightenment/dp/B008SB64IU
The System Of Five Cakras In Kubjikāmatatantra 14-16 - Dory H. Heilijgers-Seelen
https://www.amazon.com/Kubjikamatantra-Groningen-Oriental-Studies-Sanskrit/dp/9069800594

Qualia Research Institute (QRI)- https://qri.org/ && https://en.wikipedia.org/wiki/Qualia_Research_Institute

The Logic of Mysticism - Ermanno Bencivenga
https://www.amazon.com/Mysticism-Historical-Analytical-Studies-Nature-Action/dp/3031843991

Reality Switch Technologies_ Psychedelics as Tools for the Discovery and Exploration of New Worlds - Andrew Gallimore
https://www.amazon.com/Reality-Switch-Technologies-Psychedelics-Exploration/dp/1739110102
Alien Information Theory_ Psychedelic Drug Technologies and the Cosmic Game - Andrew R Gallimore
https://www.amazon.com/Alien-Information-Theory-Psychedelic-Technologies/dp/1527234762

(17) THE CURVY, THE ROUND AND THE HOLEY

Squigonometry: The Study of Imperfect Circles - Robert D. Poodiack and William E. Wood

https://www.amazon.com/Squigonometry-Imperfect-Springer-Undergraduate-Mathematics/dp/3031137825

Atan2 - https://en.wikipedia.org/wiki/Atan2 && Sinc - https://en.wikipedia.org/wiki/Sinc_function

Polyspherical Coordinates (N. Ja. Vilenkin) - https://www2.chem.ucl.ac.uk/worthgrp/quantics/doc/vcham/polyspherical_docu.html
Polyspherical complexes - Gábor Hetyei - https://www.researchgate.net/publication/227203966_Polyspherical_Complexes

Tetracyclic coordinates - https://encyclopediaofmath.org/wiki/Tetracyclic_coordinates
A Treatise on the Circle and the Sphere - Julian Coolidge - https://archive.org/details/treatiseonthecir033247mbp
Oriented circles in space - David F. Barrow
On N + 2 Mutually Orthogonal Hyperspheres in Euclidean N-Space - G. E. Raynor
On Five Mutually Orthogonal Spheres - Nathan Altshiller-Court
On Four Mutually Orthogonal Circles - Nathan Altshiller-Court
On the Geometry of Some Localisation Problems in Robotics JM Selig- https://link.springer.com/chapter/10.1007/978-3-030-91352-6_13

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